UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 7,680,670 B2
APPLICATION NO. : 10/587907
DATED : March 16, 2010
INVENTOR(S) : Claude Lamblin et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

IN THE ABSTRACT:

In line 6, "D'i<N>" should read -- D'^{N}_{i} --

IN THE SPECIFICATION:

In Column 4, line 11, "Thoeretically" should read -- Theoretically --

In Column 13, line 17, "$|\tilde{j}|$" should read -- $|\tilde{y}|$ --

In Column 16, line 10, "(T_i^j-R_{i-1}^j)" should read -- (T_i^j-T_{i-1}^j) --

In Column 22, line 4, "$S^1 = \{S^1_j\}j\in[3,4,5,6,8,10,12,13,14,15]$" should read -- $S^1 = \{S^1_j\}j\in[3,4,5,7,8,9,10,12,13,14,15]$ --

In Column 22, line 50, should read -- $L'^0 = \bigcup_{j\in[1,\ldots15]} L'^0_j$ --

In Column 23, line 57, should read -- $L^0 = \bigcup_{j\in[1,\ldots15]} L^0_j$ --

In Column 24, lines 55-67, should read

-- $\sum_{k=1}^{j} L_k$: their sum for the dimensions 1 to j,

$\sum_{k=1}^{j} kL_k$: the memory required to store the leaders of all the dictionaries of dimensions 1 to j with the property of partial composition by controlled extension. --

Signed and Sealed this

Nineteenth Day of October, 2010

David J. Kappos

David J. Kappos
Director of the United States Patent and Trademark Office

IN THE SPECIFICATION:

In Column 25, lines 45-56 should read

-- $\sum_{k=1}^{j} L_k$: their sum for dimensions 1 to j

$\sum_{k=1}^{j} kL_k$: the memory required to store the leaders of all the dictionaries of dimensions 1 to j with the two properties of embedding and of partial composition by controlled extension. --

In Column 26, line 66, " $x^3 \notin D3_{i-1}$ " should read -- $x^3 \notin D^3_{i-1}$ --

In Column 27, line 1, "$x^{j'}$ of L0," should read -- $x^{j'}$ of L^0 --

In Column 31, lines 19-30 should read

-- only over the set $L_j(i)$ of the L_{Dji} leaders of D_i^j (for $m^j \in [0, L_{D_i^j}[$, writing $L_{D_i^j}$ --

In Column 32, lines 8-12 should read

-- for every index $m^j \in [0, L_{D_i^j}[$ --

In Column 32, line 34 should read

-- $ps(|\tilde{y}|,x^{j'})=\alpha\sum_{k=0}^{j'-1}(|\tilde{y}_k| \cdot x_k^{j'})$ --

In Column 33, line 21, "j'(j'≧j)" should read -- j'(j'≤j) --

IN THE CLAIMS:

In Claim 29, Column 42, line 11, "εγ" should read -- ε = --